Peak District National Park

Forecast valid from 00:00 on Thursday 16 Jun 2022 until 23:59 on Friday 17 Jun 2022

Forecast Issued on Wednesday 15 Jun 2022 at 16:57

Confidence: High for predominantly fine and dry conditions, moderate for deterioration into the weekend with more showers, thunderstorms or rainfall.

Headline for Thursday 16 Jun 2022: A fine day with hazy skies but still strong sunshine.

Mountain weather hazards on Thursday 16 Jun 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Thursday 16 Jun 2022

Weather: A fine and dry summer's day with spells of warm or very warm sunshine. Skies may be hazy at times with areas of high based cloud. Bright.

Chance of cloud-free hill tops above 600m: 99%

Low cloud and visibility: Visibility will be very good with clear views of distant hills.

Forecast for Thursday 16 Jun 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 W	6/10 W	6/9 W	4/7 NW	6/9 W	7/10 W	7/10 S	11/14 S	13/19 S
300	5/10 W	4/6 SW	4/6 W	5/8 W	5/8 W	5/8 W	4/7 S	5/9 SE	8/14 S
Valley	4/10 NW	1/5 NW	2/4 SW	5/8 W	4/7 W	4/7 W	4/7 S	5/11 SE	5/15 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	11/10	13/13	15/14	16/15	16/15	16/14	15/13
300	12/11	10/10	11/10	15/14	17/17	19/18	19/18	18/17	17/16
Valley	12/11	9/9	12/12	16/15	18/18	20/19	19/19	18/17	17/16
Freezing Level*	2500m	2800m	2700m	2700m	2800m	3100m	3300m	3400m	3700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Plenty of sun protection and hydration will be needed to deal with the high temperatures, light winds and strong sunshine, especially in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 15 Jun 2022	0mm	0mm	0mm

Forecast for Friday 17 Jun 2022

Weather: A dry and bright day with some sunny spells especially in the morning and afternoon. Hot. Turning cloudy into the late afternoon or early evening with a chance of some light rain toward dusk.

Maximum wind: Southerly becoming westerly, mean 30 mph gusting 40 mph.

Chance of cloud-free hill tops above 600m: 80% becoming 30% into the evening.

Low cloud and visibility: Very good visibility for much of the day with cloud well above summits. Cloud lowering to 300-400m later in the day with poor visibility.

Temperature: **Valleys:** Plus 15 Celsius becoming plus 26 Celsius.
At 600m: Plus 10 Celsius becoming plus 21 Celsius.
Freezing level: Above summits.